

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below.

1. (Currently Amended) A liquid coating material which is curable with actinic radiation and is substantially or completely free from organic solvents and from corrosion-inhibiting pigments, comprising
 - (A) at least one constituent selected from the group consisting of low molecular mass, oligomeric organic compounds, and low molecular mass polymeric organic compounds ~~which~~ said oligomeric and polymeric compounds containing at least one group which can be activated with actinic radiation, and ~~also~~ air-drying and oxidatively drying alkyd resins,
 - (B) at least one constituent selected from the group consisting of acidic esters of polyphosphoric acid, ~~and acidic esters~~ of monophosphoric acid with at least one compound (b1), said compound containing at least one hydroxyl group and at least one group which can be activated with actinic radiation, and
 - (C) at least one kind of nanoparticles.
2. (Currently Amended) The coating material as claimed in claim 1, containing, based on its total ~~amount~~ weight, 1 to 10% by weight of organically bonded diphosphorus pentoxide.
3. (Currently Amended) The coating material as claimed in claim 1 ~~or 2~~, characterized in that the low molecular mass organic compounds (A) are reactive diluents.
4. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 3~~ claim 1, characterized in that the oligomeric or polymeric compounds (A) are oligourethanes or polyurethanes.

5. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 4~~claim 1, characterized in that the air-drying and oxidatively drying alkyd resin (A) has an oil ~~length~~content of 20 to 60%, based on the alkyd resin (A), and 45 to 65 eq.% of the olefinically unsaturated double bonds present in the unsaturated fatty acid residues ~~being~~ are conjugated.
6. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 5~~claim 1, characterized in that the group which can be activated with actinic radiation contains at least one bond which can be activated with actinic radiation.
7. (Original) The coating material as claimed in claim 6, characterized in that the actinic radiation is electromagnetic radiation or corpuscular radiation.
8. (Original) The coating material as claimed in claim 7, characterized in that the electromagnetic radiation embraces near infrared (NIR), visible light, UV radiation, X-rays, and gamma radiation and the corpuscular radiation embraces electron beams, proton beams, alpha radiation, beta radiation, and neutron beams.
9. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 8~~claim 1, characterized in that the bond which can be activated with actinic radiation is at least one of a carbon-carbon double bond and/or a triple bond.
10. (Original) The coating material as claimed in claim 9, characterized in that the bond which can be activated with actinic radiation is a carbon-carbon double bond.
11. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 10~~claim 1, characterized in that the group which can be activated with actinic radiation is a (meth)acrylate group.

12. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 11~~claim 1, characterized in that the compounds (b1) are selected from the group consisting of cyclohexanedimethanol monoacrylate (CDMMA), tricyclododecanedimethanol monoacrylate (TDDMMA), and 4-hydroxybutyl acrylate.
13. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 12~~claim 1, characterized in that the nanoparticles (C) are selected from the group consisting of silicon dioxide and aluminum oxide.
14. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 13~~claim 1, containing, based on its total ~~amount~~weight,
- 5 to 40%,~~preferably 10 to 35%, and in particular 15 to 30%~~ by weight of at least one reactive diluent (A),
 - 5 to 40%,~~preferably 10 to 35%, and in particular 10 to 30%~~ by weight of at least one oligomer and/or polymer (A), and
 - 5 to 40%,~~preferably 10 to 35%, and in particular 10 to 30%~~ by weight of at least one alkyd resin (A).
15. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 14~~claim 1, containing, based on its total amount, constituent (B) in an amount of 10 to 50% by weight,~~preferably 15 to 45% by weight, and in particular 20 to 40% by weight.~~
16. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 15~~claim 1, containing, based on its total amount, nanoparticles (C) in an amount of 1 to 25% by weight,~~preferably 2 to 20% by weight, and in particular 3 to 15% by weight.~~

17. (Currently Amended) The coating material as claimed in ~~any of claims 1 to 16~~claim 1, further comprising at least one additive (D).
18. (Currently Amended) The coating material as claimed in claim 17, characterized in that the additive (D) is selected from the group consisting of epoxide compounds, polyphosphoric acids, dryers, nonopaque organic pigments, ~~and~~ nonopaque inorganic pigments, colored pigments, ~~and~~ achromatic pigments, optical effect pigments, electrically conductive pigments, magnetically shielding pigments, ~~and~~ fluorescent pigments, antisetling agents, oligomeric binders, and polymeric binders other than the constituents (A), UV absorbers, light stabilizers, free-radical scavengers, photoinitiators, devolatiliziers, slip additives, polymerization inhibitors, defoamers, emulsifiers and wetting agents, adhesion promoters, leveling agents, film formation auxiliaries, rheology control additives, and flame retardants, ~~especially epoxide compounds and photoinitiators.~~
19. (Original) The coating material as claimed in claim 18, characterized in that the epoxide compounds (D) are aromatic epoxide compounds.
20. (Original) The coating material as claimed in claim 19, characterized in that the aromatic epoxide compounds (D) are selected from the group consisting of bisphenol A diglycidyl ether, bisphenol F diglycidyl ether, hydrogenated bisphenol A diglycidyl ether, hydrogenated bisphenol F diglycidyl ether, and tricyclododecanedimethanol diglycidyl ether.
21. (Currently Amended) The coating material as claimed in ~~any of claims 17 to 20~~claim 18, containing, based on its total ~~amount~~weight, the epoxide compounds (D) in an amount of 1 to 20% by weight, ~~preferably 5 to 17% by weight, and in particular 5 to 15% by weight.~~
22. (Currently Amended) A process for preparing a coating material as claimed in ~~any of claims 1 to 21~~claim 1 which comprises mixing at least constituents (A), (B), and (C) with one another and homogenizing the resulting mixture.

- 23. (Canceled)
- 24. (Canceled)
- 25. (New) A coating material as claimed in claim 21, comprising a coil coating.
- 26. (New) A coating material as claimed in claim 23, comprising a firmly adhering corrosion-inhibiting primer coating.